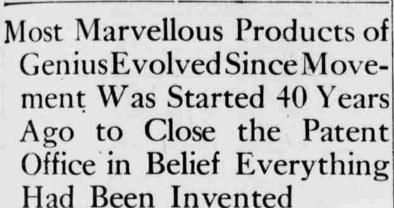
SECTION SEVEN

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TWELVE PAGES.



### By WILLIS STEELL.

was not cut and dried for one by

eaving up to buy a ticket by airplane to Cherbourg cannot remember that they were less comfortable in those ancient days when it required nearly two weeks of time to get there by the fastest steamer. They were quite content to write a hundred letters, and post them at three cents each, where now they tinkie the telephone. They were happy to move to Forty-second street when they became prosperous, clean the furnace, spade the snow off the stoop where they sat summer evenings. They could not foresee the day when they were to walk past a splendid public library, erected on the site of a reservoir, to Fourteenth street, the true trading street, already being rivalled by Twenty-third street, and and vacuous faces of the people recog-

No, these "demis" are practically unchanged by all the changes that cause they were old and not to attach sanctity to other things because

# The Atlantic Cable.

There are fresh discoveries dally. fectly the great furor made over Cyrus Fields's accomplishment in laying an Atlantic cable. He can recol-

as an effort made to induce Congress dog can't. to shut up the uscless Patent Office in Washington, Everything had been in-

kids, "Wait Till the Clouds Roll by Centennial year was fore the "sissy" safety came into around and take all vogue; with his first savings he bought a share or two in the Biograph Company and for a long time thought point of he had lost his money. He saw the



IFTS to MANKIND WITHIN the MEMORY

He did all the things that youths of in this country alone hundreds of thouhis age had to do to keep in the van sands of miles in use. of his age, and already they were so many it is no wonder if his memory the king of electricity, sat for his of them is confused as to sequence. tions, these halting steps of science, keenly intelligent and scientifically dicompared to the seven league strides rected mind, and out of the conversaprogress has wrought about them. If since taken, and all in his little life? tion he held with the inventor there they have learned wisdom of life, it is The clevated railway, the subway, the came to the studio a little phonograph not to attach sanctity to things be- automobile, the telephone, the phone- provided with a few cylindrical recgraph, the Roentgen ray, the motor- ords on wax, and Falk was instructed cycle, the kinematograph and moving how to make new ones. For a time picture, color photography, radium, the photograph business languished in incandescent electric light, the ma- the absorbed attention this new toy chine gun, the torpede, the submarine, demanded and received. the airplane. How much further one The demi-centenarian remembers per-"Modern Progress" before his eyes. It studio, then the most fashionable and feetly the great furor made over Cy-is not necessary, since anybody living celebrated in the country. Every now con draw up a list more or less great actor, singer complete to suit his own experience.

bet having that genius pointed out to taken but few years, and that is the possible Edison had reflected on the him as he stepped out of his house on greatest wonder. Another marvel is peculiarly valuable publicity this th Gramercy Square (a tall apart- that in their sudden appearance and would gain for his phonograph. ding stands there now) and quick transition from the crude model he did the event proved him right. 10 walk to his office. And 't to the finished product used by every oo late (the demi, now), to body the individual has not changed. life, he will not forget It is strange that the youngster who braell and his sister, Mrs. saw a miracle in the zoopraxiscope. d, tall, gaunt and coun- when it was first exhibited at the what would now be thought a very Detsons, came to his mother's World's Columbian Exposition in 1892, crude way was the divine Adelina poignancy of these memories its child, as it flashes across theatre of the telegraph, cable and other won-ders dies out in the new wonder of the his capacity for admiration is still next room, eagerly straining his ears wireland. In 1880, a year or two be- youthful, and if he condescends now to hear, but one of the present forty war d had reached the ultima thuld instinct tells him that to recall the youth in the last stages of high school.

# Bell and the Telephone.

Not earlier than 1874, two years new generation has seen about had anything to remember, bus on Broadway before by direct speech, over a wire to be peared to be hopeless rivalry to the es-

penny arcades of Fourteenth street, of the world's telephone business, has

At this time, about 1888, Edison photograph in Falk's gallery at 949 But what are these immature inven- Broadway. The photographer had a

It was an excellent place for getting could go if he had a catalogue entitled and recording voices, this photographic would be apt to sit for a portral The evolution of these wonders has there at one time or other, and it is

Among other celebrated persons who made records for Falk and Edison in sees no miracle in the moving picture. Patti. And on the day the diva sang a few bars to the accompaniment of and then to remember it is because an year old grist, at that time a callow on. So people said, and there past is a sign of his superiority. A The Patti record, unfortunately, me with injury or destruction in a short time (before the diva left the coun to come back and make another. The talate mentally what the before the present man of 40 or there- wax cylinders, so perishable and subew generation has seen about had anything to remember, feet to accident, were soon to be dis-

and his mother hurried tion, and in 1877 the first telephone ex-past a nude by Cabanal, change for the transaction of business ers across the Atlantic in what ap-of inventions as one of her passengers

E PROERWOOD

· Principal

field, when the Metropolimed its entry the North German Lloyd
med its entry the Nor sion with one loading. It had been wooden shell, decked it over and cov-fashioned milkman, who sold "loose" shown wonderful fortitude in accept-worked out by the novellat's father-in-ered it with leather, afterward fitting milk, had gone the way of antiques. Ing as parts of their deily lives the

PEARY

gentleman's negotiations with our oars which worked in watertight man now was but a boy and when one Government. This was the beginning sockets. of the machine gun for the perfection of which many clever inventors were toiling. The Hartford inventor, who gave his name to the first one in gen- man also, but it was worked by eral use, the Gatling gun, won out. From the Gatling gun

can armies, took thirty years. Recent history has brought to any kind of warlike inventions a universal he was affixing a torpedo to the friinterest. The submarine boat, the tank, gate under water and made his escape. the armored automobile, the torpedo, smokeless powder, polsonous gas and the British, but did no damage other- The the masks that are worn to render it wise. innocuous, are some of these. do not, indeed, date from the world war but long before, and many of ert Fulton, had submarine ideas, and cently deceased Waldorf Aster occuthem are gifts, blessed or cursed, as one looks upon them, of the last forty interview with Napoleon Bonaparte, in the Waldorf-Astoria Hotel. It was years as regards their present develop- which he obtained his interest. Later the day of bustles and big "balloon" ment. Poisonous gas in war has been rags soaked in acids and afterward Seine. It couldn't be controlled and found out that it was a good idea to washed in clear water to produce an Napoleon, disgusted because with it build a coat shirt—that is, one which explosive which gives out no smoke he could not creep alongside of British buttoned down the front, all the way are old but, of course, they do not go shipping and destroy it, dismissed Full and a man felt safe to comb his half back like Greek fire, to the date of the ton as a hare-brained fool.

## Tale of the First Taxi.

vented by a queer genius in Kokomo. Holland, fitting it with a gasolene en-Ind. to the present highly advanced gine for surface travelling and a stormotor machine needs no review, but age battery for propelling it under people who remember when it was water. But Simon Lake of Detroit first seen on the streets of New York built the first submarine with a ship are hurt if you call them old for they shape hull and equipped it like a hyare as alive and as active now as droplane. Since 1863 the French have they were then. Its first reception been experimenting with submersibles was not hospitable-passengers were and it was late in the nineteenth cenafraid of it. The forty-year-older re- tury that Germany started to add them calls with a smile the thrilling story to related to him at an evening party Knupps, to whom she gave the work, by a lady who had dared the dangers turned out the U-9 and the U-15, each of one of the first taxts. Her driver 142 feet in length. These early sub-did not know very well how to handle mersibles had a surface displacement the machine and when it arrived at of 285 tons and a submarine displacethe door of the house he could not ment of 300 tons. The final form of drove past the door, turned round the double hull cigar shaped bow and and tried again, but still the thing stern, able to resist an enormous hywould not stop. When this had oc- drostatic pressure. curred six times and again the taxi was approaching the desired door the vention New York, in the memory of lady gathered her courage and her the semi-centenarian, sometimes adskirts in her hand, opened the door vanced and sometimes retrograded. and leaped out while the weird vehicle This sort of indecision it is which has gentlemen who drank themselves un-

on a trip across, in which Marion law and the youthful bride and groom it with adjustable weights so that it He was coming of mornings to those gifts of forty years?

were hoping to hear before they would sink beneath the surface. It brownstone private dwellings on Forty reached Rome, of the success of that was a one-man affair, propelled by second street when the forty-year-old

Turtle in 1772. It carried but one of unwashed cans. screw. The Turtle figured in Revo-lutionary history; one Ezra Lee used gun in use by the British and Ameri- it to attack under water the British "Daniel Deronda" was the frigate Eagle, lying off Staten Island, talked of serial novel) the first arc in 1775. He was frightened off while The torpedo exploded and frightened weird noises than they made light

## Fulton's Submarine.

The inventor of the steamboat, Robtaking them to France be obtained an pled a site which now makes part of an appropriation was made, and the sleeves for the women and shirts with Christ, and experiments with cotton hand power, built and inunched in the

To John P Holland, who built the Fenian Ram in the early '80s, belongs brave old days, wasn't half bad, and the credit of bringing the submarine to New Yorkers as a class are not to be From the first horseless carriage in- its present state. In 1890 he built the blamed for hesitating to adopt new her warlike equipment. stop it to permit her to alight. He the submersible made in Germany was

During this worldwide activity of inmade the inhabitants of other Ameri- der the dinner table, now she aims to Make the inhabitants of other American distribution of the submarine days in the former in these early phonograph was likewise one distribution.

The beginnings of the submarine daughter of Robert E. Lee, and our were attended with almost as much have several famous records, made on the former in these early phonograph derision as those of the flying mathematical days, in his private collection.

The beginnings of the submarine daughter of Robert E. Lee, and our were attended with almost as much have several famous records, made on the flying mathematical derision as those of the inhabit.

The beginnings of the submitted derision as those of t

of his household duties was to run out David Bushnell, an American, built with a red ticket and a tin pall to get a submersible boat that he called the the milk that carrier used to dip out

### Life in the Age of Bustles At about this period also (when

tering and knocking and making more A. T. Stewart still stood at the corner of Thirty-fourth street and Fifth avenue and the private house of the re known since four centuries before Nautilus, a submersible worked by separate cuffs for men. A decade was

> before he put it on. ways. The "people," as is well known never invent anything, and most of them have to be forced into using new ideas and new contrivances that their amarter brethren may try to put over on them. This healtancy works fairly well in a large community. Mode agreeable to live in, and if we were at that are filed in a month in the Patent Office few of us would ever attain the

Anyway we progress; in a crablike way, perhaps, but still we do progress. Nothing and nobody is stationary, not even Mrs. Grundy. That person, since she was introduced to the world in an early English play has gone along changing with the rest of us. Establish a system of ethics, however different, and she changes with it and compels one to follow !